

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 032° 33.00' N

LONGITUDE -117° 16.0 ' W

STATION NO. 007

LINE NO.

DAY/MONTH/YEAR

DATE 8/3/76

TYPE OF STORAGE (check one)

☒ ☐ ☐

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V7	65 m	Recovery		

REMARKS:

Van Veen Grab (V7) - olive gray coarse sand with shell fragments, sea urchin and worm tubes. Color - 5Y 3/2. Sample dimensions - 1/8 m³. 4 storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 30.02' NDATE 8/3/76LONGITUDE -117° 15.70' W

TYPE OF STORAGE (check one)

STATION NO. 008
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V8	98 m	Recovery		

REMARKS:

Van Veen (V8) - very fine sand, olive gray (5Y 3/2), worm tubes and small crustaceans (iso or amphi-pods). Sample dimensions - 1/16 cu. m. 3 storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 30.1' N
 LONGITUDE -117° 15.8' W
 STATION NO. 009
 LINE NO.

DAY/MONTH/YEAR
 DATE 8/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B9	64 m	Recovery		

REMARKS:

Box Core (B9) - grayish olive green 5GY 3/2, very fine sand with shell fragments and sea urchins. Sample dimensions - 21 cm x 30 cm x 12 cm. 3 storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 53.95' NDATE 8/3/76LONGITUDE -117° 21.23' W

TYPE OF STORAGE (check one)

STATION NO. 010
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B10	120 m	Recovery		

REMARKS:

Box Core (B10) - grey green (5Y 3/2) medium to coarse grained sand, moderately sorted with abundant shell fragments. Sample dimensions, 1/75 cu m. 3 storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 31.87' NDATE 8/3/76LONGITUDE -117° 20.52' W

TYPE OF STORAGE (check one)

STATION NO. 011
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D11	118 m	Recovery		

REMARKS:

Dart Core (D11) - olive gray (5Y 3/2) sandy mud. Sample dimensions - little more than a smear. 1 storage container.

SAMPLE NO: D11

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 34.22' NDATE 8/3/76LONGITUDE -117° 22.28' W

TYPE OF STORAGE (check one)

STATION NO. 012
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D12	145 m	26 cm		

REMARKS:

Dart Core (D12) - Top 21 cm: olive gray (5Y 3/2) moderate to well sorted, fine to medium grained sand with forams.
 Bottom 5 cm: olive gray (5Y 3/2) mud.
 Very sharp contact between sand and mud.
 18 cm down: coral in sand.
 Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 34.75' N
 LONGITUDE 117° 22.66' W
 STATION NO. 014
 LINE NO.

DAY/MONTH/YEAR
 DATE 8/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G14	155 m	Recovery		

REMARKS:

Gravity Core (G14) - grayish olive (10Y 4/2) mud with abundant shelly (some disintegrating) fragments. Mud contains large miliolides. One angular phosphorite (?) (or volcanic) fragments approx. 5 x 4 x 1½ cm, plus smaller angular pebbles (mostly phosphorite). Two storage containers. Sample dimensions: 1/4 liter

14

SAMPLE NO: G14

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
LATITUDE 032° 36.35' N
LONGITUDE -117° 23.90' W
STATION NO. 020
LINE NO.

DAY/MONTH/YEAR
DATE 8/3/76
TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G20	140 m	Recovery		

REMARKS:

Gravity Core (G20) - Sample dimensions: approx. 1' core and about 15 cc core catcher. Core catcher, olive gray (5Y 3/2) fine to medium sand with abundant forams.

LOCATOR: LEE2-76-SC

SAMPLE NO: G20

STATION NO: 020

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 38.22-38.26' NDATE 8/3/76LONGITUDE -117° 23.71-22.61' W

TYPE OF STORAGE (check one)

STATION NO. 021☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
C21	342-243 m	Recovery		

REMARKS:

Chain Dredge (C21) - Sample dimensions: 1/4 liter. Olive gray 5Y 3/2 mud and one Lavis bottle filled with mud, a horse shoe shaped piece of metal very heavily encrusted with a dark coating (Mn?). Even a piece of tar paper which was discarded. Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 39.30' NDATE 9/3/76LONGITUDE -117° 21.90' W

TYPE OF STORAGE (check one)

STATION NO. 022
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G22	228 m	Recovery		

REMARKS: Gravity Core (G22) - full recovery, olive gray clayey mud. Smells of H₂S, very cohesive. Few shell fragments. Five storage containers.

SAMPLE NO: G22

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 40.4' N
 LONGITUDE -117° 19.3' W
 STATION NO. 023
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G23	100 m	Sm. Recovery		

REMARKS:

Gravity Core (G23) - Sample dimensions: smear. Olive gray 5 3/2
 fine sand, few shell fragments. Smear from core catcher.
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 40.30' NDATE 9/3/76LONGITUDE -117° 19.42' W

TYPE OF STORAGE (check one)

STATION NO. 025
☒ x ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V25	100 m	Recovery		

REMARKS:

Van Veen Grab (V25) - Sample dimensions: 1/200 cu. m. Olive gray
 5Y 3/2 very fine sand with some shell fragments and worms.
 Three storage containers, almost all of the recovered sample
 saved in the three containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: V25STATION NO: 025

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	1 Sample	Clarke/Field	USGS	Storage	3/9/76
	1 Sample	Paula Quintero	USGS	Forams.	3/9/76
	1 Sample	Clarke/Field	USGS	Phy. Prop., C-CO ₃ and Paleo.	3/9/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 36.1' N
 LONGITUDE -117° 15.40' W
 STATION NO. 028
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G28	57 m	Recovery		

REMARKS:

Gravity Core (G28) - Sample dimensions: about 1/600 cu. m.
 Most of sample lost through core catcher as core cleared the
 water, possibly due to pebble caught in core catcher.
 Sample description: Worm tube and one pebble, bimodal medium
 sand and silt. Olive gray 5Y 3/2. Few shell fragments.
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 36.00' N
 LONGITUDE -117° 19.65' W
 STATION NO. 029
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G29	142 m	Recovery		

REMARKS:

Gravity Core (G29) - Sample dimensions: about 1/800 cu. m.
 Most of core lost except that sediment remaining in core catcher.
 Sample Description: olive gray 5Y 3/2 fine sand to silt. Few
 shell fragments.
 Two storage containers.

SAMPLE NO: G29

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 34.37' N
 LONGITUDE -117° 20.00' W
 STATION NO. 030
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B30	207 m	Recovery		

REMARKS:

Box Core (B30) - Sample dimensions: 1/75 cubic m. Olive gray 5Y 3/2 very fine grained moderate to well sorted sand. Few shell fragments. Sediment is quartz-rich and contains forams. Working sample taken from mud extruded from Box Core as plate was pounded in.
 Four storage containers.

SAMPLE NO: B30

STATION NO: 030

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 35.78' NDATE 9/3/76LONGITUDE -117° 22.25' W

TYPE OF STORAGE (check one)

STATION NO. 031
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G31	260 m	Recovery		

REMARKS:

Gravity Core (G31) - Sample dimensions: approx. 1½ liters.
 5Y 3/2 olive gray sandy siltstone sediment is very indurate,
 had to be pounded and scooped out of gravity core. Worm tubes
 and abundant forams present. Some crude bedding (?) possibly
 observed but destroyed in removing the sample from core.
 All late Miocene
 Four storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: G31STATION NO: 031

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	1 Sample	Bob Arnal	USGS	Forams.	3/9/76
	1 Sample	Dave Bukry	USGS	Nannos	3/9/76
	2 Samples	Clarke/Field	USGS	Phy. Prop., C-CO ₃ and Paleo.	3/9/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 37.27' N
 LONGITUDE -117° 25.10' W
 STATION NO. 039
 LINE NO.

DAY/MONTH/YEAR

DATE 9/3/76

TYPE OF STORAGE (check one)

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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G39	152 m	Recovery		

REMARKS:

Gravity Core (G39) - recovery of about 1/2 liter. Olive gray 5Y 3/2 fine grained pebbly sandstone. Pebbles range from 1 mm to 50 mm in length and are generally subangular to subrounded. Shell fragments present along with some fairly well preserved gastropods and corals.

Three storage containers.

SAMPLE NO: G39

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 37.27' N
 LONGITUDE -117° 25.10' W
 STATION NO. 040
 LINE NO.

DAY/MONTH/YEAR.

DATE 9/3/76

TYPE OF STORAGE (check one)

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FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D40	150 m	19 cm		

REMARKS:

Dart Core (D40) - recovery of 19 cm, Top 17 cm: olive gray 5Y 3/2 moderate to well sorted, medium to coarse grained sand. One large subrounded pebble 25 mm long, 10 mm from top of sample. Bottom 2 cm: olive gray 5Y 3/2 mud with minor fine to very fine grained sand component. Contact between top 17 cm and lower 2 cm is fairly sharp.
 Three storage containers.

SAMPLE NO: D40

[illegible]

USGS STATION LOG

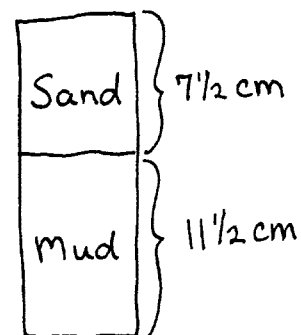
SHIP / LEG LEE2-76-SC
 LATITUDE 032° 38.71' N
 LONGITUDE -117° 25.84' W
 STATION NO. 041
 LINE NO. _____

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D41	163 m	19 cm		

REMARKS:

Dart Core (D41) - 19 cm recovery, top 7½ cm: olive gray 5Y 3/2 moderate to well sorted fine to medium grained and foram rich. Bottom 11½ cm: olive gray 5Y 3/2 foram-rich mud. Contact between top 7½ cm and bottom 11½ cm is very distinct and sharp. Three storage containers.



USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 40.88' N
 LONGITUDE -117° 27.80' W
 STATION NO. 046
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D46	309 m	14 cm		

REMARKS:

Dart Core (D46) - 14 cm recovery, olive gray 5Y 3/2 mud with sand layers at 8-10 cm and 13 cm. Pebble at approx. 3 cm from top. Forams present, moderately consolidated. Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: D46STATION NO: 046

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/9/76
	unk.	Dave Bukry	USGS	Nannos	3/9/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 41.62' N
 LONGITUDE -117° 28.10' W
 STATION NO. 047
 LINE NO. _____

DAY/MONTH/YEAR

DATE 9/3/76

TYPE OF STORAGE (check one)



DRY



COLD

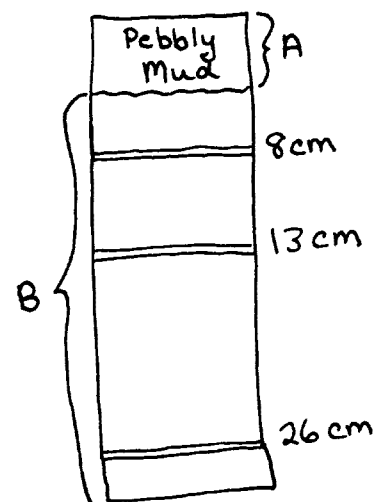


FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D47 .	344 m	32 cm		

REMARKS:

Dart Core (D47) - recovery of 32 cm.
 Top (A) - 5 cm of olive gray 5Y 3/2 pebbly mud.
 Lower (B) - olive gray stiff mud with light olive gray mud layers at 8, 13 and 26 cm from top.
 Three storage containers.



SAMPLE NO: D47

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 42.10' NDATE 9/3/76LONGITUDE -117° 29.02' W

TYPE OF STORAGE (check one)

STATION NO. 048
☒ X ☐ ☐

LINE NO. _____

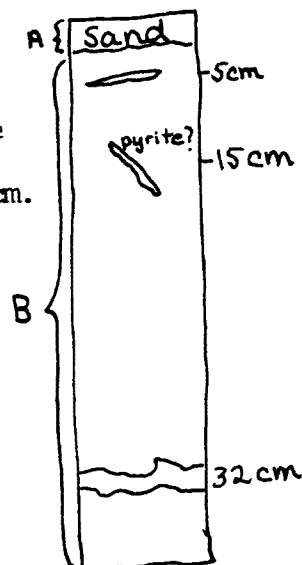
DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D48	418 m	39 cm		

REMARKS:

Dart Core (D48) - recovery of 39 cm.

(A) - olive gray fine sand

 (B) - stiff grayish black mud with lenses of light olive
 gray mud at 5 cm, pyrite (?) at 15 cm, and very soft
 weathered yellowish gray shell or rock fragments at 32 cm.
 Three storage containers


SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: D48STATION NO: 048

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/9/76
	unk.	Dave Bukry	USGS	Nannos	3/9/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 41.77' N
 LONGITUDE -117° 27.05' W
 STATION NO. 049
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G49	538 m	Recovery		

REMARKS:

Gravity Core (G49) - approx. 4/5 recovery. Olive gray very soft mud from top. More cohesive olive gray silt with few shells in core catcher. Core catcher and overflow from top labelled top. Five storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: G49STATION NO: 049

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
Top	CC	Bob Arnal	USGS	Forams.	3/9/76
Top	CC	Dave Bukry	USGS	Nannos	3/9/76
	unk.	Clarke/Field	USGS	Phy. Prop., C-CO ₂ and Paleo.	3/9/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 42.88' NDATE 9/3/76LONGITUDE -117° 24.82' W

TYPE OF STORAGE (check one)

STATION NO. 050

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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B50	468 m	Recovery		

REMARKS:

Box Core (B50) - aprox. 1/25 cu m recovery. Olive gray 5Y 3/2 muddy silt. Mud wedged around box core. Three containers collected from sides. Bottom approx. 2 cm lost due to slippage of bottom plate.

Storage containers: six plus one box.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: B50

STATION NO: 050

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 42.27' N
 LONGITUDE -117° 24.17' W
 STATION NO. 054
 LINE NO.

DAY/MONTH/YEAR

DATE 9/3/76

TYPE OF STORAGE (check one)

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FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V54	450 m	Recovery		

REMARKS:

Van Veen (V54) - 1/25 m³ recovery, olive gray 5Y 3/2 silty mud.
 Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 43.35' N
 LONGITUDE -117° 22.40' W
 STATION NO. 055
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B55	335 m	Recovery		

REMARKS:

Box Core (B55) - 1/25 cu. m recovery, olive gray 5Y 3/2 silty mud.
 Mud wedged around sides - two containers. Total of five storage
 containers plus one box.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: B55

STATION NO: 055

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 43.75' N
 LONGITUDE -117° 21.26' W
 STATION NO. 056
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G56	188 m	Recovery		

REMARKS:

Gravity Core (G56) - approx. 1/3 recovery, grey green 5Y 3/2 mud.
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 44.20' N
 LONGITUDE -117° 20.92' W
 STATION NO. 057
 LINE NO.

DAY/MONTH/YEAR
 DATE 9/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B57	108 m	Recovery		

REMARKS:

Box Core (B57) - 3/4 recovery, olive gray 5Y 3/2 very fine grained sandstone to sandy clay. Four storage containers. Working split (Clarke/Field) taken from sediment that oozed out of box core.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 44.12' NDATE 9/3/76LONGITUDE -117° 20.91' W

TYPE OF STORAGE (check one)

STATION NO. 058☒ X☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V58	108 m	Recovery		

REMARKS:

Van Veen (V58) - approx. 1 liter recovery, olive gray 5Y 3/2 sandy clay with minor shell fragments. Forams present, clay is mica-rich. Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: V58

STATION NO: 058

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 43.94' N
 LONGITUDE -117° 17.02' W
 STATION NO. 059
 LINE NO.

DAY/MONTH/YEAR
 DATE 10/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D59	37 m	36 cm		

REMARKS:

Dart Core (D59) - 36 cm recovery.
 Top 31 cm: olive gray 5Y 3/2 medium to fine grained
 shelly sand.
 Bottom 5 cm: olive gray fine grained micaceous sand.
 Boundary (at 31 cm) fairly sharp.
 Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: D59

STATION NO: 059

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 45.01' NDATE 10/3/76LONGITUDE -117° 18.95' W

TYPE OF STORAGE (check one)

STATION NO. 060☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G60	75 m	Recovery		

REMARKS:

Gravity Core (G60) - approx. 1/2 liter recovery from core catcher.
 Olive gray 5Y 3/2 muddy silt with few worms and few shell fragments.
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

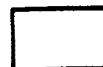
DAY/MONTH/YEAR

LATITUDE 032° 46.71' NDATE 10/3/76LONGITUDE -117° 22.58' W

TYPE OF STORAGE (check one)

STATION NO. 062

DRY



COLD



FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D62	107 m	19 cm		

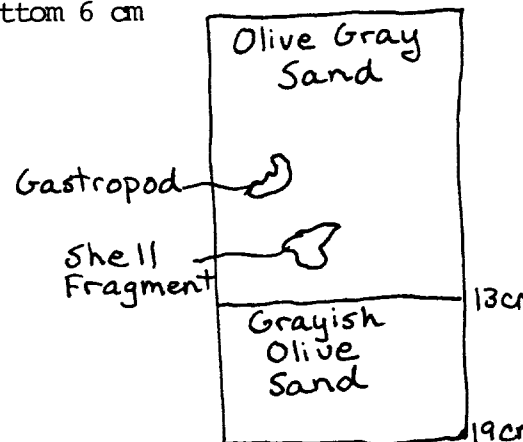
REMARKS:

Dart Core (D62) - 19 cm recovery.

Top 13 cm: medium grained foram sand, olive gray 5Y 3/2

Bottom 6 cm: medium grained foram sand, grayish olive 10Y 4/2. Boundary between top 13 cm and bottom 6 cm fairly distinct.

Three storage containers.



SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: D62STATION NO: 062

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/10/76
	unk.	Dave Bukry	USGS	Nannos	3/10/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 47.5' N
 LONGITUDE -117° 25.55' W
 STATION NO. 063
 LINE NO.

DAY/MONTH/YEAR.

DATE 10/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G63	527 m	Full Core		

REMARKS:

Gravity Core (G63) - Full recovery. Top = soft (gloppy) olive gray 5Y 3/2 mud (approx. 1/4 pt. or 1/8 liter). Core Catcher = stiff olive gray 5Y 3/2 mud (approx. 1/2 pt. or 1/4 liter).
 Five storage containers - Amal, Bukry, CC, Top and actual core.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 48.70' N
 LONGITUDE -117° 22.94' W
 STATION NO. 064
 LINE NO.

DAY/MONTH/YEAR.
 DATE 10/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B64	273 m	Recovery		

REMARKS:

Box Core (B64) - 3/4 recovery, olive gray 5Y 3/2 muddy silt.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 50.02' NDATE 10/3/76LONGITUDE -117° 27.00' W

TYPE OF STORAGE (check one)

STATION NO. 065☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G65	99 m	22 cm		

REMARKS:

Gravity Core (G65) - approx. 22 cm recovery. Olive gray 5Y 3/2 silt to very fine sand. Few shell fragments.
Four storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: G65

STATION NO: 065[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 50.4' N
 LONGITUDE -117° 19.0' W
 STATION NO. 066
 LINE NO.

DAY/MONTH/YEAR
 DATE 10/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G66	58 m	7 cm		

REMARKS:

Gravity Core (G66) - 7 cm recovery. About 4 cm of olive gray 5Y 3/2 fine sand and about 3 cm of dark gray N3 shale. No core, samples from core catcher. Six storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 53.30' NDATE 10/3/76LONGITUDE -117° 19.84' W

TYPE OF STORAGE (check one)

STATION NO. 067
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G67	252 m	Recovery		

REMARKS:

Gravity Core (G67) - olive gray 5Y 3/2 very fine sand with few shell fragments and worms. Four storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: G67

STATION NO: 067

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 54.1' N
 LONGITUDE -117° 19.5' W
 STATION NO. 068
 LINE NO.

DAY/MONTH/YEAR.
 DATE 10/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G68	495 m	Recovery		

REMARKS:

Gravity Core (G68) - olive gray 5Y 3/2 silty very fine sand with 5-10% micas. Four storage containers.

SAMPLE NO: G68

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 54.63' NDATE 10/3/76LONGITUDE -117° 19.05' W

TYPE OF STORAGE (check one)

STATION NO. 069
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G69	300 m	Recovery		

REMARKS:

Gravity Core (G69) - full recovery. Top - olive gray 5Y 3/2 silt to mud. Bottom - same, with few percent micas. Five storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: G69

STATION NO: 069

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 18.25' N
 LONGITUDE -119° 52.20' W
 STATION NO. 070
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D70	345 m	27 cm		

REMARKS:

Dart Core (D70) - approx. 27 cm recovery.
 From top to bottom: 7 cm of grayish olive 10Y 4/2 siltstone
 7½ cm of olive gray 5Y 3/2 siltstone
 2 cm of grayish olive siltstone
 3½ cm of olive gray siltstone
 1 cm of olive gray, light siltstone
 1½ cm of olive gray siltstone
 2 cm of grayish olive siltstone
 3 cm of olive gray siltstone
 ½ cm of olive gray (Miocene) mudstone
 All but last ½ cm - siltstone (with foraminifera).
 Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: D70

STATION NO: 070

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 17.4' N
 LONGITUDE -119° 52.85' W
 STATION NO. 071
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D71	152 m	10.2 cm		

REMARKS:

Dart Core (D71) - 10.2 cm recovery. Sample is consolidated.
 Top 3 cm - pebbly siltstone, bottom 7.2 cm - siltstone. Color is
 5Y 3/2. Contains foraminifera. Three storage containers.

SAMPLE NO: D71

[illegible]

USGS STATION LOG

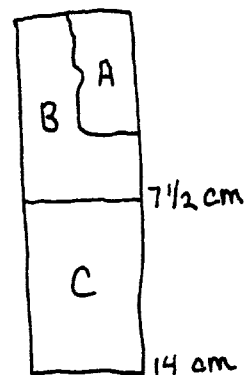
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 16.90' N
 LONGITUDE -119° 53.30' W
 STATION NO. 072
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D72	310 m	14 cm		

REMARKS:

Dart Core (D72) - 14 cm recovery.
 Section A - light olive gray 5Y 5/2 to dusky brown
 5YR 2/2 siltstone
 Section B - dusky yellowish brown 10YR 2/2 mudstone
 Section C - lower 6½ cm, light olive gray 5Y 5/2 to
 dusky brown siltstone.
 Three storage containers.



USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 15.70' N
 LONGITUDE -119° 53.00' W
 STATION NO. 076
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D76	340 m	Recovery		

REMARKS:

Dart Core (D76) - Recovery of one cobble, 5 x 3 x 5 cm. Possibly Cretaceous calcareous sandstone - very fine grained. Very small veinlets of black organic material (bituminous).
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 14.40' N
 LONGITUDE -119° 52.80' W
 STATION NO. 077
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D77	300 m	12 cm		

REMARKS:

Dart Core (D77) - 12 cm recovery. Moderate olive brown 5Y 4/4 medium to fine sand with abundant forams. Below 6½ cm, large clasts of olive black 5Y 2/1 mudstone. Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: D77

STATION NO: 077

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 13.85' NDATE 11/3/76LONGITUDE -119° 52.62' W

TYPE OF STORAGE (check one)

STATION NO. 078☒☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D78	279 m	30 cm		

REMARKS:

Dart Core (D78) - 30 cm recovery. Grayish olive 10Y 4/2 foram medium sand. Bottom 1.5 cm contains phosphorite pebbles and mudstone fragments.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 12.95' N
 LONGITUDE -119° 52.48' W
 STATION NO. 079
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D79	265 m	6 cm		

REMARKS:

Dart Core (D79) - approx. 6 cm recovery. Rock - black N1 shale.
 Falls apart easily. Three storage containers.

SAMPLE NO: D79

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 12.56' N
 LONGITUDE -119° 51.90' W
 STATION NO. 080
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D80	332 m	7 cm		

REMARKS:

Dart Core (D80) - approx. 7 cm recovery. Greenish black 5G 2/1 mudstone, easily crumbles. Three storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: D80STATION NO: 080

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/11/76
	unk.	Dave Bukry	USGS	Nannos	3/11/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 12.18' NDATE 11/3/76LONGITUDE -119° 37.32' W

TYPE OF STORAGE (check one)

STATION NO. 084
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V84	399 m	Recovery		

REMARKS:

Van Veen (V84) - approx. 1/8 recovery. Olive gray 5Y 3/2 muddy fine sand with live sea urchins, clams and small worms.
Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.04' N
 LONGITUDE -119° 35.96' W
 STATION NO. 085
 LINE NO.

DAY/MONTH/YEAR.

DATE 11/3/76

TYPE OF STORAGE (check one)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V85	105 m	Recovery		

REMARKS:

Van Veen (V85) - approx. 1/8 recovery. Olive gray 5Y 3/2 muddy fine sand with small worms, gastropod and other (few) shells and shell fragments.
 Four storage containers.

94

SAMPLE NO: V85

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.66' N
 LONGITUDE -119° 33.18' W
 STATION NO. 086
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V86	25 m	Recovery		

REMARKS:

Van Veen (V86) - approx. 1/3 recovery. Light olive gray 5Y 3/2 medium to fine sand, cleaner than V85. A few small pelecypod shells, and a small (approx. 6 cm) live crab. Four storage containers.

95

SAMPLE NO: V86

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 14.56' N
 LONGITUDE -119° 36.14' W
 STATION NO. 087
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V87	37 m	Recovery		

REMARKS:

Van Veen (V87) - approx. 1/8 pint recovery. Light olive gray
 5Y 5/2 coarse shelly sand. Two storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 16.00' N
 LONGITUDE -119° 38.50' W
 STATION NO. 088
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V88	47 m	Recovery		

REMARKS: Van Veen (V88) - recovery of about 7 rock fragments. Olive gray 5Y 3/2 fine sandstone or siltstone. Three storage containers.

SAMPLE NO: V88

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 16.04' N
 LONGITUDE -119° 38.47' W
 STATION NO. 089
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V89	47 m	Recovery		

REMARKS:

- Van Veen (V89) - recovery of 2 rocks. Three storage containers.
 (A) Light olive gray very fine sandstone or siltstone. Approx.
 10 x 8 x 1½ cm and flat.
 (B) 3 x 2 x 1 cm olive gray siltstone or mudstone.

SAMPLE NO: V89

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 17.70' N
 LONGITUDE -119° 40.20' W
 STATION NO. 091
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V91	60 m	Recovery		

REMARKS:

Van Veen (V91) - recovery of one 10 x 7 cm fragments plus 5 or 6 smaller fragments. Purple coral fragments. Might be the same as that collected by Steve Smith of B.L.M. in Los Angeles - Allopora California ? One storage container labelled W.

SAMPLE NO: v91

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 18.30' N
 LONGITUDE -119° 41.90' W
 STATION NO. 092
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V92	90 m	Recovery		

REMARKS:

Van Veen (V92) - approx. 1/200 cu. m. recovery. Light olive gray 5Y 5/2 shell sand, coarse to very coarse with abundant pebbles and cobbles - pale brown 5YR 5/2 siltstone and possibly Eocene sandstone, moderate brown 5YR3/4 to dusky brown 5YR 2/2 with calcareous cement. Abundant worms. Five storage containers.

SAMPLE NO: v92

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 19.25' N
 LONGITUDE -119° 44.00' W
 STATION NO. 093
 LINE NO.

DAY/MONTH/YEAR.

DATE 11/3/76

TYPE OF STORAGE (check one)

☒

DRY

☐

COLD

☐

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V93	105 m	Recovery		

REMARKS:

Van Veen (V93) - approx. 1/100 cu. m. recovery. Grayish olive
 10Y 4/2 fine sand with abundant forams. Four storage containers.

LOCATOR: LEE2-76-SC

SAMPLE NO: V93

STATION NO: 093

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 20.28' N
 LONGITUDE -119° 45.30' W
 STATION NO. 095
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V95	102 m	Recovery		

REMARKS:

Van Veen (V95) - approx. 1/100 cu. m. recovery. Very coarse light olive gray 5Y 5/2 shelly sand. Very abundant olive gray 5Y 3/2 siltstone. Five storage containers.

110

SAMPLE NO: V95

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 22.70' N
 LONGITUDE -119° 45.65' W
 STATION NO. 096
 LINE NO.

DAY/MONTH/YEAR.
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V96	108 m	Recovery		

REMARKS:

Van Veen (V96) - approx. 1/400 cu. m. recovery. Large grayish olive green 5GY 3/2 siltstone fragments (pebbles to large flat cobbles) with small amount of moderate olive brown 5Y 4/4 fine to medium foram sand. Some worms. Six storage containers.

112

SAMPLE NO: V96

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 24.45' NDATE 11/3/76LONGITUDE -119° 47.28' W

TYPE OF STORAGE (check one)

STATION NO. 098☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V98	111 m	Recovery		

REMARKS:

Van Veen (V98) - only 1/16 pint recovery. Moderate olive brown 5Y 4/4 fine grained sand with abundant shell fragments. Dark grey sub-angular to sub-rounded pebbles present up to 10 mm long. Some of the pebbles are indurated mudstone with preserved forams (?). One storage container.

114

SAMPLE NO: V98

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
LATITUDE 033° 26.08' N
LONGITUDE -119° 48.39' W
STATION NO. 099
LINE NO.

DAY/MONTH/YEAR.
DATE 11/3/76
TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V99	115 m	Recovery		

REMARKS: Van Veen (V99) - 1/10 recovery. Moderate olive brown 5Y 4/4 medium grained, moderate to well sorted sand with abundant shell fragments and forams. Five storage containers.

SAMPLE NO: v99

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 26.04' N
 LONGITUDE -119° 50.33' W
 STATION NO. 102
 LINE NO.

DAY/MONTH/YEAR
 DATE 11/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V102	123 m	Sm. Recovery		

REMARKS:

Van Veen (V102) - 1/16 pint recovery. Moderate olive brown 5Y 4/4 medium grained, moderate to well sorted pebbly sand with minor shell fragments and forams, also contains gastropods. Pebbles are dark colored brown to black and range in size from about 1 mm to 10 mm. They are for the most part sub-rounded to rounded, mostly sedimentary with forams encrusted on surface. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 26.11' NDATE 12/3/76LONGITUDE -119° 52.30' W

TYPE OF STORAGE (check one)

STATION NO. 105

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V105	382 m	Recovery		

REMARKS:

Van Veen (V105) - approx. 1/4 pint recovery. Olive gray 5Y 3/2 soft but compacted siltstone and mud.

120

SAMPLE NO: V105

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 27.60' N
 LONGITUDE -119° 49.10' W
 STATION NO. 106
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V106	130 m	Recovery		

REMARKS: Van Veen (V106) - approx 2 tablespoons recovery. 5Y 3/2 olive gray siltstone, soft but compacted.
 Three storage containers.

SAMPLE NO: V106

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 29.21' N
 LONGITUDE -119° 44.03' W
 STATION NO. 109
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V109	133 m	Recovery		

REMARKS:

Van Veen (V109) - approx. 1/2 pint recovery. Sand and Siltstone.
 Sand: olive gray fine sand with forams.
 Siltstone: Small chunks about 1 cm³ of olive black 5Y 2/1 siltstone,
 soft but compacted.
 Three storage containers.

124

SAMPLE NO: v109

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 30.10' N
 LONGITUDE -119° 41.58' W
 STATION NO. 111
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V111	356 m	Recovery		

REMARKS:

Van Veen (V111) - 3/4 liter recovery. Sample washed. Muddy fine sand, olive gray 5Y 3/2. Living echinoderm (sea heart?).
 Two storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SC

SAMPLE NO: V111

STATION NO: 111[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 30.89' N
 LONGITUDE -119° 39.40' W
 STATION NO. 112
 LINE NO.

DAY/MONTH/YEAR.

DATE 12/3/76

TYPE OF STORAGE (check one)

☒

DRY

☐

COLD

☐

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V112	745 m	Recovery		

REMARKS:

Van Veen (V112) - approx. 1/25 cu. m. recovery. Olive gray 5Y 3/2 muddy fine sand with abundant worms. Six storage containers.

SAMPLE LOG

128

LOCATOR: LEE2-76-SC

SAMPLE NO: v112

STATION NO: 112

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 29.14' NDATE 12/3/76LONGITUDE -119° 41.4' W

TYPE OF STORAGE (check one)

STATION NO. 113☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V113	217 m	Recovery		

REMARKS:

Van Veen (V113) - approx. 1 cup recovery. Olive black 5Y 2/1 pebbles (basalt or phosphorite?) and cobbles with some moderate olive brown 5Y 4/4 medium sand.

130

SAMPLE NO: V113

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 27.70' N
 LONGITUDE -119° 43.40' W
 STATION NO. 114
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V114	115 m	Recovery		

REMARKS:

Van Veen (V114) - approx. 1 pint recovery. Moderate brown 5YR 4/4 sandstone (fine grained), one large cobble, pebbles chewed up by worms and worms.
 One storage container.

132

SAMPLE NO: V114

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 26.10' N
 LONGITUDE -119° 44.90' W
 STATION NO. 116
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V116	123 m	Recovery		

REMARKS:

Van Veen (V116) - approx. 1/200 cu. m. recovery. Moderate olive brown 5Y 4/4 fine foram sand with worms. Four storage containers.

134

SAMPLE NO: V116

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 25.40' N
 LONGITUDE -119° 42.51' W
 STATION NO. 118
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V118	111 m	Recovery		

REMARKS:

Van Veen (V118) - One rock 18 x 16 x 5 cm, one 9 x 12 x 6 cm, one 7 x 5 x 2 cm. Probably sandstone with purple (grayish red purple 5RP 4/2) encrusting brittle stars and worms.
 One storage container.

SAMPLE NO: V118

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 23.56' N
 LONGITUDE -119° 39.47' W
 STATION NO. 122
 LINE NO.

DAY/MONTH/YEAR
 DATE 12/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V122	108 m	Recovery		

REMARKS:

Van Veen (V122) - approx. 1/400 cu. m. recovery. Three large rocks:
 1) about 26 cm long 2) about 18 cm long 3) about 11 cm long,
 plus minor other smaller caasts up to 5 cm long. Dark yellowish
 brown 10YR 4/2 to dusky yellowish brown 10YR 2/2, very indurate
 mudstone. Rocks are angular and are encrusted with sponges and a
 reddish-pink coating (probably algae).
 Four storage containers.

SAMPLE LOG

LOCATOR: LEE2-76-SCSAMPLE NO: V122STATION NO: 122

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
unk.	1 Sample	Jim Taylor	USGS	Gross Texture	3/12/76
unk.	1 Sample	Chris Barton	U.S.C.	Carbonates	3/12/76
unk.	2 Samples	Clarke/Field	USGS	Phy. Prop. C-CO ₂ and Paleo.	3/12/76

USGS STATION LOG

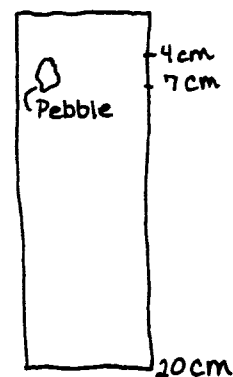
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 23.20' N
 LONGITUDE -119° 05.50' W
 STATION NO. 135
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D135	155 m	20 cm		

REMARKS:

Dart Core (D135) - 20 cm recovery. Dusky yellowish brown 10YR 2/2, semi-consolidated clay - almost claystone, very firm. Pebble in core at 4cm, extends to 7 cm (3 cm long). Three storage containers.



SAMPLE NO: D135

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 22.68' N
 LONGITUDE -119° 05.82' W
 STATION NO. 136
 LINE NO.

DAY/MONTH/YEAR.

DATE 13/3/76

TYPE OF STORAGE (check one)

☒

DRY

☐

COLD

☐

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D136	235 m	38 cm		

REMARKS:

Dart Core (D136) - approx. 38 cm recovery. Top 9 cm: moderate olive brown 5Y 4/4 medium foram-rich sand. Pebbles at 2.5 cm. Lower 29 cm: Dusky yellowish brown 10YR 2/2 clay, semi-consolidated. Three storage containers.

142

SAMPLE NO: D136

[illegible]

USGS STATION LOG

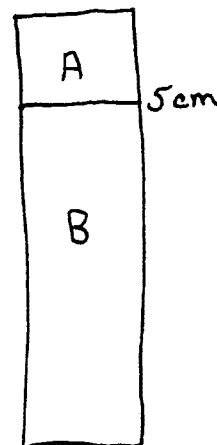
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 21.86' N
 LONGITUDE -119° 05.70' W
 STATION NO. 138
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D138	480 m	Recovery		

REMARKS:

- Dart Core (D138) - Recovery. Three storage containers.
 (A) Top 5 cm, phosphorite pebbles with medium sand
 and clay filling matrix (forams) grayish olive
 green 5GY 3/2.
 (B) Olive black 5Y 2/1 fine sand and clay



144

SAMPLE NO: D138

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 17.05' N

LONGITUDE -118° 57.38' W

STATION NO. 139

LINE NO.

DAY/MONTH/YEAR
DATE 13/3/76

TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D139	469 m	26 cm		

REMARKS:

Dart Core (D139) - approx. 26 cm recovery. Olive gray 5Y 3/2 very soft, sandy mud to fine grained sandstone with minor forams. Contains very small (1-2 mm) rounded phosphorite pebbles.

Half of section from 7 cm to 19 cm (approx. 100 gms) taken for geochemical analysis.

Four storage containers.

146

SAMPLE NO: D139

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 17.58' N
 LONGITUDE -118° 55.78' W
 STATION NO. 143
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G143	942 m	Recovery		

REMARKS:

Gravity Core (G143) - recovery of 3 pebbles.
 Three pebbles (olive gray 5Y 3/2), 5 cm across, 4 cm across and 3 cm across. Pebbles are sub-rounded to rounded, very hard, and are gabbros (pyroxene with minor hornblende). When cracked open, inside surfaces are highly altered to Fe-oxide clays.
 One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 09.57' NDATE 13/3/76LONGITUDE -119° 56.20' W

TYPE OF STORAGE (check one)

STATION NO. 144☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D144	968 m	20 cm		

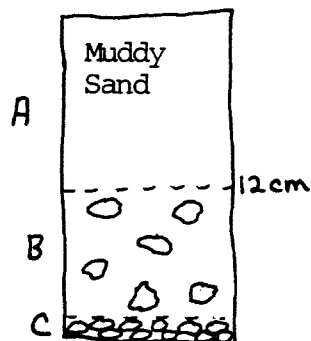
REMARKS:

Dart Core (D144) - recovery of 20 cm. Four storage containers.

(A) 12 cm of olive gray loose muddy sand

(B) 6 cm of olive gray loose muddy sand with scattered medium olive gray fine sandstone fragments (rock)

(C) approx. 2 cm mostly consisting of sandstone fragments.

All boundaries
gradational.

150

SAMPLE NO: D144

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 10.12' N
 LONGITUDE -118° 55.80' W
 STATION NO. 145
 LINE NO.

DAY/MONTH/YEAR

DATE 13/3/76

TYPE OF STORAGE (check one)

☒ X☐☐

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D145	915 m	26 cm		

REMARKS:

Dart Core (D145) - 26 cm recovery. Olive gray 5Y 3/2 medium-fine muddy sand. Three storage containers.

152

SAMPLE NO: D145

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 11.02' / 033° 09.80' N
 LONGITUDE -118° 54.67' / -118° 55.46' W
 STATION NO. 148
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD148	1200-923 m	Recovery		

REMARKS:

Chain Dredge (CD148) - bag full recovered. Storage-5 burlap sacks.
 (A) 80% white crystalline rock, high specific gravity (Barite?)
 (B) volcanics - sub-rounded, some bored, no fresh broken surfaces,
 up to 1 foot.
 (C) A fistfull of mudstone, light olive gray (5Y 5/2) on outer
 2 mm, olive gray (5Y 3/2) on inner part, 3" x 2" x 1"
 (D) Quartzite, 1' x 8" x 6", sub-rounded to sub-angular
 Dredge direction - 215°

154

SAMPLE NO: CD148

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 13.19' N

LONGITUDE -118° 52.30' W

STATION NO. 149

LINE NO.

DAY/MONTH/YEAR
DATE 13/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D149	919 m	32 cm		

REMARKS:

Dart Core (D149) - 32 cm recovery. Olive gray 5Y 3/2 mud with forams. Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.32' N
 LONGITUDE -118° 51.52' W
 STATION NO. 150
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D150	852 m	36 cm		

REMARKS:

Dart Core (D150) - approx. 36 cm recovery. Olive gray 5Y 3/2 fine sand and mud with abundant forams.

Sample condition: after shear test, extruder pushed through top few cm.

Four storage containers.

SAMPLE LOG

158

LOCATOR: LEE2-76-SCSAMPLE NO: D150STATION NO: 150

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/13/76
	unk.	Dave Bukry	USGS	Nannos	3/13/76
	unk.	Mike Field	USGS	Shear Vane	3/13/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 13.42' NDATE 13/3/76LONGITUDE -118° 50.80' W

TYPE OF STORAGE (check one)

STATION NO. 154
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D154	585 m	6 cm		

REMARKS:

Dart Core (D154) - approx. 6 cm recovery. Black N1 rotten volcanics. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.71' N
 LONGITUDE -118° 50.00' W
 STATION NO. 156
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D156	770 m	5 cm		

REMARKS:

Dart Core (D156) - 5 cm recovery. One rock with some olive black 5Y 2/1 medium sand and mud with forams. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE Approx. 033° 14.10' NDATE 13/3/76LONGITUDE Approx. -118° 49.42' W

TYPE OF STORAGE (check one)

STATION NO. 159
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D159	788 m	Recovery		

REMARKS:

Dart Core (D159) - Olive gray 5Y 3/2 clay with some fine sand
(with forams) on barrel.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
LATITUDE 033° 15.00' N
LONGITUDE -118° 47.42' W
STATION NO. 160
LINE NO.

DAY/MONTH/YEAR
DATE 13/3/76
TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D160	858 m	41 cm		

REMARKS:

Dart Core (D160) - 41 cm recovery. Three storage containers.
Top 14 cm: Olive gray 5Y 3/2 fine to medium grained sand.
Contains forams and rounded phosphorite pebbles.
14-41 cm: Olive gray 5Y 3/2 mud with minor fine sand content,
mud is very cakey.

SAMPLE NO: D160

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 15.30' N
 LONGITUDE -118° 46.60' W
 STATION NO. 161
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D161	961 m	43 cm		

REMARKS:

Dart Core (D161) - 43 cm recovery. Three storage containers.
 Top 2 cm: olive gray 5Y 3/2 fine to medium grained sand
 with forams.
 2-43 cm: Olive gray 5Y 3/2 mud with forams. Mud is very
 cakey.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 15.62' N

LONGITUDE -118° 45.85' W

STATION NO. 162

LINE NO.

DAY/MONTH/YEAR
DATE 13/3/76

TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G162	1148 m	Recovery		

REMARKS:

Gravity Core (G162) - Recovery: full core plus about ½ pint in core catcher. Olive gray 5Y 3/2 mud with minor forams.

166

SAMPLE NO: G162

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 16.00' N
 LONGITUDE -118° 44.05' W
 STATION NO. 163
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D163	1125 m	27 cm		

REMARKS:

Dart Core (D163) - 27 cm recovery. Olive gray 5Y 3/2 slightly sand mud with forams. Three storage containers.

168

SAMPLE NO: D163

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 16.23' NDATE 13/3/76LONGITUDE -118° 43.61' W

TYPE OF STORAGE (check one)

STATION NO. 164
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D164	913 m	25 cm		

REMARKS:

Dart Core (D164) - 25 cm recovery. Olive gray 5Y 3/2 firm mud. Mudstone pebbles at base, 1 cm long. Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 16.53' NDATE 13/3/76LONGITUDE -118° 43.03' W

TYPE OF STORAGE (check one)

STATION NO. 165
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D165	1165 m	26 cm		

REMARKS:

Dart Core (D165) - 26 cm recovery. Olive gray 5Y 3/2 firm mud, rich with forams. Three storage containers.

171

SAMPLE NO: D165

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 10.98' N
 LONGITUDE -118° 41.55' W
 STATION NO. 166
 LINE NO.

DAY/MONTH/YEAR
 DATE 13/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D166	925 m	21 cm		

REMARKS:

Dart Core (D166) - 21 cm recovery. Three storage containers.
 Top 17 cm: well consolidated olive black 5Y 2/1 mud with bands
 of brownish black mud.
 17-21 cm: brownish black 5YR 2/1 silty mud, more consolidated
 than top 17 cm.

5Y 2/1
Dark
5YR 2/1
5Y 2/1
Dark
5Y 2/1
Dark
5Y 2/1
Silty mud
5YR 2/1

17 cm

21 cm

173

SAMPLE NO: D166

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 10.24' NDATE 14/3/76LONGITUDE -118° 42.44' W

TYPE OF STORAGE (check one)

STATION NO. 167☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D167	720 m	Recovery		

REMARKS:

Dart Core (D167) - approx. 3/4 full. Sticky olive black 5Y 2/1 mud in core catcher. Storage containers: four.

175

SAMPLE NO: D167

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 09.80' N
 LONGITUDE -118° 43.7' W
 STATION NO. 168
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G168	675 m	Recovery		

REMARKS:

Gravity Core (G168) - approx. 1/3 full. Five storage containers.
 Top of Core Catcher (approx. 1/2): soft mud with sand and forams
 (olive black 5Y 2/1). A black sub-angular pebble about 4 x 3 x 1½cm.
 Bottom of Core Catcher (approx. 1/2): grayish black rock fragments
 and olive black siltstone or mudstone fragments. Flat black
 pebble (slate?).

177

SAMPLE NO: G168

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 09.10' NDATE 14/3/76LONGITUDE -118° 44.72' W

TYPE OF STORAGE (check one)

STATION NO. 169
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D169	705 m	18 cm		

REMARKS:

Dart Core (D169) - 18 cm recovery. Olive black, moderately sorted medium sand with forams. Three storage containers.

179

SAMPLE NO: D169

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 08.40' N
 LONGITUDE -118° 46.30' W
 STATION NO. 170
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D170	720 m	54 cm		

REMARKS:

Dart Core (D170) - approx. 54 cm recovery. Dart core placed in two plastic columns, four storage containers.
 Lower section: olive gray 5Y 3/2 mud with minor forams.
 Upper section: olive gray 5Y 3/2 fine to medium grained sand with abundant forams.
 Note: boundary between mud (lower) and sand (upper) is uncertain.

18

SAMPLE NO: D170

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 07.64' N
 LONGITUDE -118° 47.22' W
 STATION NO. 171
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D171	799 m	47 cm		

REMARKS:

Dart Core (D171) - 47 cm recovery. Three storage containers.
 0-2 cm: pebbles grading to coarse sand
 2-5 cm: mud
 5-47 cm: olive gray cohesive mud with lenses of olive black
 mud at 9, 19, 24, 28, 40, and 45 cms.

183

SAMPLE NO: D171

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 56.12' N
 LONGITUDE -118° 45.10' W
 STATION NO. 174
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G174	1185 m	Recovery		

REMARKS:

Gravity Core (G174) - Olive gray 5Y 3/2 clay and very fine sand. Teeth (4 or 5) from core catcher may be in core. Three storage containers.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 55.60' NDATE 14/3/76LONGITUDE -118° 46.72' W

TYPE OF STORAGE (check one)

STATION NO. 176

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D176	1279 m	31 cm		

REMARKS:

Dart Core (D176) - approx. 31 cm recovery. Three storage containers.
 0-19 cm: grayish olive 10Y 4/2 clay
 19-20 cm: 1 cm thick layer of medium sand
 20-31 cm: grayish olive 10Y 4/2 clay with quartz (?) and shell fragments.

Note: lost sides of dart core - extruder pushed center portion only through.

187

SAMPLE NO: D176

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 52.00' N
 LONGITUDE -118° 46.28' W
 STATION NO. 177
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D177	1388 m	35 cm		

REMARKS:

Dart Core (D177) - approx. 35 cm recovery. Grayish olive 10Y 4/2 clay and mud with scattered medium to coarse sand. 3 cm long filamentous spines (?) in top few centimeters. Three storage containers. Part of core lost due to extruder pushing through center.

SAMPLE LOG

189

LOCATOR: LEE2-76-SCSAMPLE NO: D177STATION NO: 177

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Bob Arnal	USGS	Forams.	3/14/76
	unk.	Dave Bukry	USGS	Nannos	3/14/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 52.30' N
 LONGITUDE -118° 45.69' W
 STATION NO. 178
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D178	1303 m	40 cm		

REMARKS:

Dart Core (D178) - approx. 40 cm recovery. Grayish olive 10Y 4/2 mud and clay with some forams and fine sand. Part of core lost due to extruder pushing out center. Three storage containers.

191

SAMPLE NO: D178

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 52.37' N
 LONGITUDE -118° 44.65' W
 STATION NO. 179
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D179	1142 m	30 cm		

REMARKS:

Dart Core (D179) - approx. 30 cm recovery. Olive gray 5Y 3/2 sandy, very soft mud with abundant forams. Three storage containers.

193

SAMPLE NO: D179

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 11.28' N
 LONGITUDE -119° 05.18' W
 STATION NO. 182
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D182	1121 m	25 cm		

REMARKS:

Dart Core (D182) - 25 cm recovery. Upper portion - olive black 5Y 2/1 sandy foram mud, gradational and slanted boundary at about 22 cm with dusky borwn 5YR 2/2 silt or mudstone (fractured and hard). Four storage containers.

195

SAMPLE NO: D182

[illegible]

USGS STATION LOG

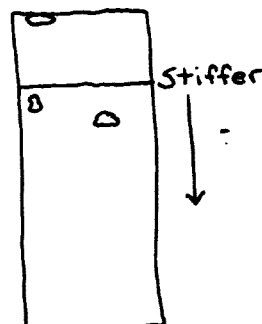
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 11.64' N
 LONGITUDE -119° 05.30' W
 STATION NO. 183
 LINE NO.

DAY/MONTH/YEAR.
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D183	1063 m	20 cm		

REMARKS:

Dart Core (D183) - 20 cm recovery. Olive black 5Y 2/1 silty mud with forams, becomes very stiff at about 5 cm from top. Small pebbles (approx. 1/2 cm) of altered volcanics (?) at top, 6 cm and 8 cm. Four storage containers.



USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 10.65' NDATE 14/3/76LONGITUDE -119° 17.75' W

TYPE OF STORAGE (check one)

STATION NO. 184
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D184	999 m	No Recovery		

REMARKS:

Dart Core (D184) - Barrel showed that it had been filled with olive gray very fine sand. One small pelecypod (about 2 mm) on inside of barrel.

USGS STATION LOG

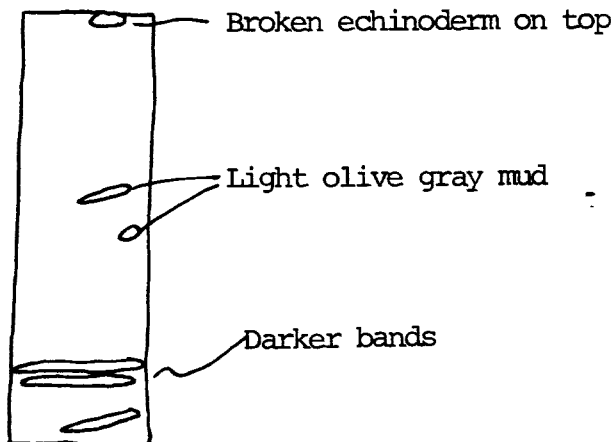
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 10.95' N
 LONGITUDE -119° 17.18' W
 STATION NO. 185
 LINE NO.

DAY/MONTH/YEAR
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D185	766 m	52 cm		

REMARKS:

Dart Core (D185) - 52 cm recovery. Five storage containers, two liners. Olive black 5Y 2/1 well compacted silt or mudstone, laminae toward the base.



199

SAMPLE NO: D185

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 12.09' N

DATE 14/3/76

LONGITUDE -119° 17.32' W

TYPE OF STORAGE (check one)

STATION NO. 188

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D188	242 m	28 cm		

REMARKS:

Dart Core (D188) - 28 cm recovery, about 5 cm of bottom fell out on way up. Three storage containers. Very loose light olive gray 5Y 5/2 coarse to medium shelly sand. Less shells below 18 cm.

201

SAMPLE NO: D188

[illegible]

NEBCO

203

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 13.30' N

LONGITUDE -119° 17.72' W

STATION NO. 190

LINE NO.

DAY/MONTH/YEAR
DATE 14/3/76

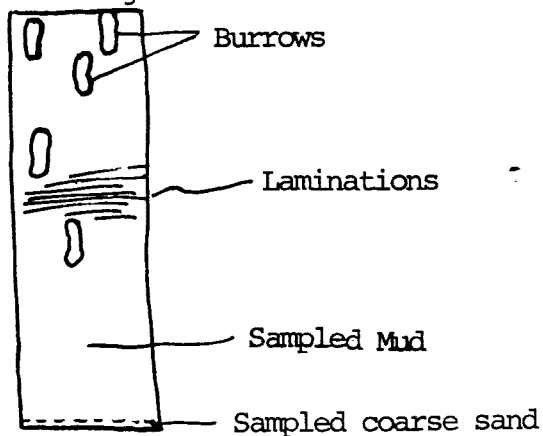
TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D190	73 m	13 cm		

REMARKS:

Dart Core (D190) - approx. 13 cm recovery. Laminated olive gray 5Y 3/2 very fine sand and mud with patches of yellowish gray 5Y 7/2 coarse sand. Burrowed and burrows filled with coarse sand. Three storage containers.



NEBCO

209

SAMPLE NO: D190

[illegible]

NEBCO

204

USGS STATION LOG

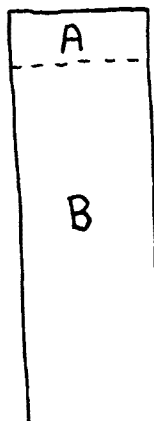
SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.80' N
 LONGITUDE -119° 16.94' W
 STATION NO. 192
 LINE NO. _____

DAY/MONTH/YEAR.
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D192	100 m	52.5 cm		

REMARKS:

Dart Core (D192) - approx. 52.5 cm recovery. Sample in 2 parts, one long (II) and one short (I). Four storage containers.
 (A) moderate olive brown 5Y 4/4 fine sand with forams.
 (B) laminated olive gray mud and dusky yellow mud, well consolidated and firm.



205

SAMPLE NO: D192

[illegible]

NEBCO

USGS STATION LOG

2074

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 14.18' N

DATE 14/3/76

LONGITUDE -119° 16.60' W

TYPE OF STORAGE (check one)

STATION NO. 194

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D194	110 m	44 cm		

REMARKS:

Dart Core (D194) - approx. 44 cm recovery. Olive gray 5Y 3/2 very fine sand with forams. Possibly bioturbated. Three storage containers. Some of core lost from holes in top of barrel during extruding.

SAMPLE NO: D194

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 14.60' N
 LONGITUDE -119° 15.98' W
 STATION NO. 195
 LINE NO.

DAY/MONTH/YEAR.
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

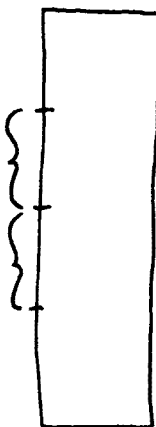
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D195	157 m	53 cm		

REMARKS:

Dart Core (D195) - approx. 53 cm recovery. Core in two containers, one short (I) and one long (II). Olive gray very fine sand and mud with light laminations (approx. dip 10°).

Sampled for
organic
geochem.

Sampled for
mineralogy



201

SAMPLE NO: D195

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 15.10' NDATE 14/3/76LONGITUDE -119° 15.55' W

TYPE OF STORAGE (check one)

STATION NO. 196

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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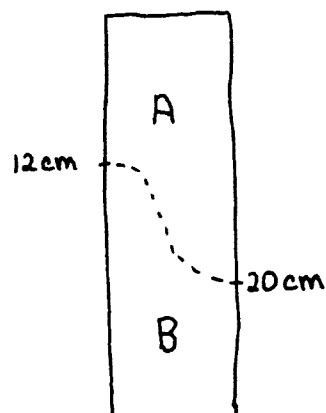
LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D196	270 m	32.5 cm		

REMARKS:

Dart Core (D196) - approx. 32.5 cm recovery. Three storage containers.
 (A) Brownish black 5YR 2/1 silt and mud.
 (B) Moderate olive brown 5Y 4/4 silt and mud.



21A

SAMPLE NO: D196

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 15.59' NDATE 14/3/76LONGITUDE -119° 15.02' W

TYPE OF STORAGE (check one)

STATION NO. 197☒ ☐ ☐

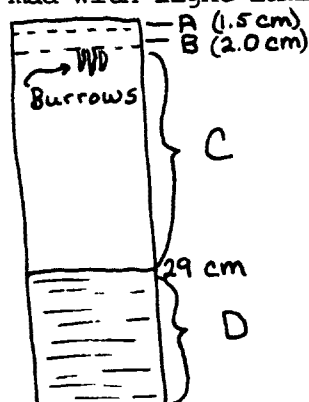
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D197	425 m	44 cm		

REMARKS:

- Dart Core (D197) - approx. 44 cm recovery. Three storage containers.
- (A) Grayish olive 10Y 4/2 fine sand with forams
- (B) Grayish olive fine to very coarse sand with shell fragments.
- (C) Olive black 5Y 2/1 mud with burrows filled with (B)
- (D) Olive gray 5Y 3/2 mud with light laminations.



213

SAMPLE NO: D197

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 16.50' NDATE 14/3/76LONGITUDE -119° 13.95' W

TYPE OF STORAGE (check one)

STATION NO. 200
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D200	755 m	24 cm		

REMARKS:

Dart Core (D200) - approx. 24 cm recovery. Grayish olive
 10Y 4/2 very fine sand with forams. Three storage containers.
 Part of core lost in extruder.

SAMPLE NO: D200

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 17.46' N
 LONGITUDE -119° 25.10' W
 STATION NO. 205
 LINE NO.

DAY/MONTH/YEAR.
 DATE 14/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D205	73 m	½ full		

REMARKS:

Dart Core (D205) - approx. 1/2 recovery. Olive gray 5Y 3/2 very compact mudstone, rare minor sand content. Three storage containers. Core remains in barrel, sediment too hard to extrude.

218

SAMPLE NO: D205

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 18.20' NDATE 14/3/76LONGITUDE -119° 23.75' W

TYPE OF STORAGE (check one)

STATION NO. 211☒ ☐ ☐

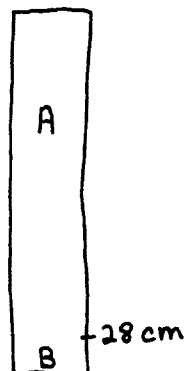
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D211	115 m	30 cm		

REMARKS:

Dart Core (D211) - approx. 30 cm recovery, multiple drop.
 (A) Grayish olive 10Y 4/2 sand with abundant shell fragments
 (including pectens) and forams.
 (B) Grayish olive 10Y 4/2 mud with minor sand content.
 Contains a few shell fragments and forams.
 Three storage containers.



219

SAMPLE NO: D211

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 18.85' NDATE 14/3/76LONGITUDE -119° 23.60' W

TYPE OF STORAGE (check one)

STATION NO. 212
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B212	420 m	Recovery		

REMARKS:

Box Core (B212) - 1/3 recovery plus 1/2 liter slop. Grayish olive 10Y 4/2 shelly medium grained sand with forams, high mud content. Five storage containers.

John Barron (USGS) - early Miocene (Relizian) diatoms in bedrock at base of core.

Sample to Paula Quintero (USGS) contains worm tube. Approx. 1/2 liter of slop taken for shear vane test.

224

SAMPLE NO: B212

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 22.70' N

DATE 14/3/76

LONGITUDE -119° 29.08' W

TYPE OF STORAGE (check one)

STATION NO. 213

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G213	412 m	30 cm		

REMARKS:

Gravity Core (G213) - approx. 30 cm recovery. Core catcher - well consolidated olive black mud at bottom and coarse shell hash above. Apparently mud overlies shell hash in core. Six storage containers.

SAMPLE LOG

223

LOCATOR: LEE2-76-SCSAMPLE NO: G213STATION NO: 213

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
unk.	1 Sample	Bob Arnal	USGS	Forams.	3/14/76
unk.	1 Sample	Dave Bukry	USGS	Nannos	3/14/76
CC-Top	1 Sample	Clarke/Field	USGS	Phy. Prop., C-CO ₂ , Paleo.	3/14/76
CC-Bottom	2 Samples	Clarke/Field	USGS	Phy. Prop., C-CO ₂ and Paleo.	3/14/76

224

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 20.98' N

DATE 15/3/76

LONGITUDE -119° 33.57' W

TYPE OF STORAGE (check one)

STATION NO. 217

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V217	105 m	Recovery		

REMARKS:

Van Veen (V217) - Medium olive gray well compacted siltstone burrowed by organisms. Brittle stars, tunicate.

225

SAMPLE NO: v217

[illegible]

NEBCO

2270

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 21.08' NDATE 15/3/76LONGITUDE -119° 33.64' W

TYPE OF STORAGE (check one)

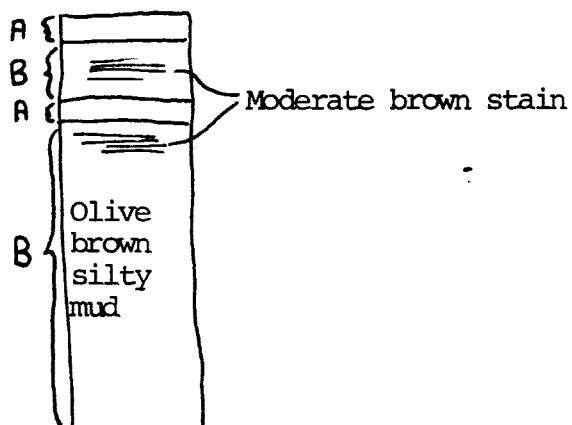
STATION NO. 218
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D218	105 m	19 cm		

REMARKS:

Dart Core (D218) - 19 cm recovery. Three storage containers.
 (A) light olive gray poorly sorted medium grained sand.
 (B) olive gray silty mud (well compacted) with very small mica flakes (?).



228

SAMPLE NO: D218

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 20.42' NDATE 15/3/76LONGITUDE -119° 31.37' W

TYPE OF STORAGE (check one)

STATION NO. 219
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D219	104 m	9 cm		

REMARKS:

Dart Core (D219) - 9 cm recovery. Three storage containers.
 0-2.5 cm: Light olive gray medium to coarse sand with angular rock fragments.
 2.5-9 cm: Olive gray silty mud, very well compacted.

229

SAMPLE NO: D219

[illegible]

230

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 20.78' N

DATE 15/3/76

LONGITUDE -119° 31.28' W

TYPE OF STORAGE (check one)

STATION NO. 220

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V220	105 m	Recovery		

REMARKS:

Van Veen (V220) - approx. 1/5 recovery. Very coarse, shelly sand with a few rounded, flat pebbles up to about 10 cm and worm tubes. Four storage containers.

234

SAMPLE NO: v220

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 18.89' NDATE 15/3/76LONGITUDE -119° 27.30' W

TYPE OF STORAGE (check one)

STATION NO. 223
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V223	73 m	Recovery		

REMARKS:

Van Veen (V223) - approx. 1/50 cu. m. recovery. Yellowish gray
 5Y 7/2 very coarse shell hash. Six storage containers.
 Brittle star and sea heart present.

239

SAMPLE NO: V223

[illegible]

234

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 16.20' N

DATE 15/3/76

LONGITUDE -119° 22.50' W

TYPE OF STORAGE (check one)

STATION NO. 224

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V224	68 m	Recovery		

REMARKS:

Van Veen (V224) - approx. 1/100 cu. m. recovery. Moderate olive brown 5Y 4/4 fine sand with brittle star and worms. Four storage containers.

235

SAMPLE NO: V224

[illegible]

NEBCO

2376

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 18.20' N
 LONGITUDE -119° 22.00' W
 STATION NO. 225
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G225	501 m	Recovery		

REMARKS:

Gravity Core (G225) - Part of core catcher with sample, very short core. Older more consolidated dark yellowish brown 10YR 4/2 mud and clay at bottom. Four storage containers.

238

SAMPLE NO: G225

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 15.20' NDATE 15/3/76LONGITUDE -119° 20.27' W

TYPE OF STORAGE (check one)

STATION NO. 226☒ X☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V226	59 m	Recovery		

REMARKS:

Van Veen (V226) - Two rocks recovered: 1) 17 cm long, 2) 9 cm long. On fresh surface moderate olive brown 5Y 4/4 mudstone (?), encrusted with moderate red 5R 4/6 algae and bryozoans. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 15.03' N
 LONGITUDE -119° 20.01' W
 STATION NO. 227
 LINE NO.

DAY/MONTH/YEAR.
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V227	51 m	Recovery		

REMARKS:

Van Veen (V227) - 1/10 liter recovery. Moderate yellowish brown 10YR 5/4 very coarse shell mixture, very little, if any sand. Contains worms. Much of the sample scooped from wooden box that holds Van Veen - wood splinters present in sample.

240

SAMPLE NO: V227

[illegible]

NEBCO

242

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 15.89' N
 LONGITUDE -119° 19.45' W
 STATION NO. 228
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V228	93 m	Recovery		

REMARKS:

Van Veen (V228) - approx. 1 liter recovery. Grayish olive
 10Y 4/2 fine to medium grained sand with abundant shell
 fragments. Contains worms and possible coral fragments (?).
 Two storage containers.

243

SAMPLE NO: v228

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 17.70' N
 LONGITUDE -119° 14.55' W
 STATION NO. 230
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G230	891 m	Recovery		

REMARKS:

Gravity Core (G230) - approx. 1/3 recovery plus 1/4 liter in core catcher. Grayish olive 10Y 4/2 sandy mud with forams. Four storage containers.

24\$

SAMPLE NO: G230

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 14.40' NDATE 15/3/76LONGITUDE -119° 17.80' W

TYPE OF STORAGE (check one)

STATION NO. 232

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V232	92 m	Recovery		

REMARKS:

Van Veen (V232) - approx. 2 liters recovery. Grayish olive
 10Y 4/2 muddy fine to medium grained sand with forams and
 shell fragments. Worms abundant.

2470

SAMPLE NO: v232

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
LATITUDE 033° 11.86' N
LONGITUDE -119° 24.33' W
STATION NO. 234
LINE NO.

DAY/MONTH/YEAR
DATE 15/3/76
TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V234	95 m	Recovery		

REMARKS:

Van Veen (V234) - approx. 1/5 recovery, washed a little. Moderate olive gray medium to fine grained poorly sorted sand (sub-angular). Four storage containers.

SAMPLE LOG

248

LOCATOR: LEE2-76-SCSAMPLE NO: V234STATION NO: 234

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Clarke/Field	USGS	Storage	3/15/76
	unk.	Paula Quintero	USGS	Forams.	3/15/76
	unk.	Chris Barton	USGS	Carbonates	3/15/76
	unk.	Clarke/Field	USGS	Phy. Prop., C-CO ₃ and Paleo.	3/15/76

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 12.14' NDATE 15/3/76LONGITUDE -119° 29.26' W

TYPE OF STORAGE (check one)

STATION NO. 235
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V235	84 m	Recovery		

REMARKS:

Van Veen (V235) - approx. 1/3 liter recovery. Light olive gray
 5Y 3/2 poorly sorted coarse shell hash. Two storage containers.

250

SAMPLE NO: V235

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 12.40' NDATE 15/3/76LONGITUDE -119° 33.34' W

TYPE OF STORAGE (check one)

STATION NO. 236
☒ X ☐ ☐

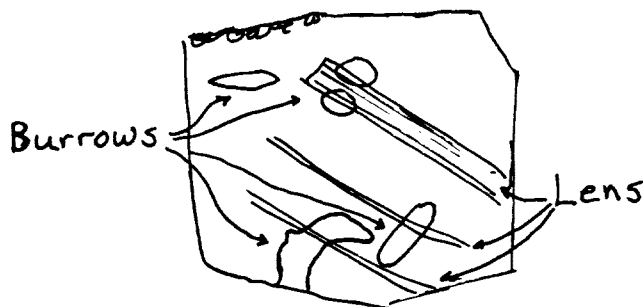
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G236	428 m	11 cm		

REMARKS:

Gravity Core (G236) - 11 cm recovery. Olive gray 5Y 3/2 muddy siltstone. Scattered burrows from top to bottom. Light olive gray lens at an angle (inclined). Three storage containers.



252

SAMPLE NO: G236

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
LATITUDE 033° 09.20' N
LONGITUDE -119° 35.79' W
STATION NO. 237
LINE NO. _____

DAY/MONTH/YEAR
DATE 15/3/76
TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B237	750 m	Recovery		

REMARKS:

Box Core (B237) - approx. 1 quart recovery. Very coarse mixture of shells, shell fragments and pebbles up to about 5 mm. Pebbles = sandstones, siltstones and mudstones. approx. 50% shells and 50% pebbles. One storage container.

254

SAMPLE NO: B237

SECTION	INTERVAL	NAME	ORGANIZATION	PURPOSE	DATE
	unk.	Clarke/Field	USGS	Phy. Prop., C-CO ₃ and Paleo.	3/15/76
				-	

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 10.90' NDATE 15/3/76LONGITUDE -119° 37.98' W

TYPE OF STORAGE (check one)

STATION NO. 238

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
B238	501 m	Smear		

REMARKS:

Box Core (B238) - Sample dimensions: smear, all of sample in one quart container. Olive gray 5Y 3/2 pebbles of semi-consolidated very fine sandstone - range from a few mm to 6 cm.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 11.10' NDATE 15/3/76LONGITUDE -119° 38.80' W

TYPE OF STORAGE (check one)

STATION NO. 239☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V239	495 m	Recovery		

REMARKS:

Van Veen (V239) - approx. 1/50 cu. m. recovery. Olive gray
5Y 3/2 very fine sand with worms. Four storage containers.

258

SAMPLE NO: V239

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 15.23' N
 LONGITUDE -119° 38.14' W
 STATION NO. 240
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V240	60 m	Recovery		

REMARKS: Van Veen (V240) - approx. 1/75 cu. m. recovery. Yellowish gray 5Y 7/2 very coarse shell sand, some whole shells. Four storage containers.

259

SAMPLE NO: V240

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.08' N
 LONGITUDE -119° 39.67' W
 STATION NO. 241
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G241	341 m	Sm. Recovery		

REMARKS:

Gravity Core (G241) - 1/20 liter recovery. Grayish olive 10Y 4/2 muddy fine to medium grained sand with minor shell and foram content. One storage container. Only recovery in core catcher.

267

SAMPLE NO: G241

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 13.10' N
 LONGITUDE -119° 39.95' W
 STATION NO. 243
 LINE NO.

DAY/MONTH/YEAR
 DATE 15/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G243	343 m	Recovery		

REMARKS:

Gravity Core (G243) - approx. 1/4 pint recovery, core catcher sample. Olive gray 5Y 3/2 sandy mud with minor forams. One storage container.

263

SAMPLE NO: G243

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 09.10' NDATE 15/3/76LONGITUDE -119° 39.89' W

TYPE OF STORAGE (check one)

STATION NO. 244
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G244	478 m	Recovery		

REMARKS:

Gravity Core (G244) - approx. 3/4 liter recovery. Olive gray
 5Y 3/2 fairly consolidated mud with minor foram and sand content.
 One storage container.

265

SAMPLE NO: G244

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 04.07' NDATE 15/3/76LONGITUDE -119° 35.98' W

TYPE OF STORAGE (check one)

STATION NO. 247

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V247	292 m	Recovery		

REMARKS:

Van Veen (V247) - recovery of eight small sub-angular to sub-rounded phosphorite pebbles (length ranges from 10 mm to 20 mm). One storage container.

268

SAMPLE NO: V247

[illegible]

NEBCO

268

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 02.60' N

LONGITUDE -119° 39.71' W

STATION NO. 248

LINE NO.

DAY/MONTH/YEAR 15/3/76

DATE 15/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G248	667 m	30 cm		

REMARKS:

Gravity Core (G248) - approx. 30 cm recovery.

(A) Top, approx. 12 sub-angular to rounded pebbles (sandstone pavement), labeled CCI.

(B) Olive black muddy silt (moderately compacted), labeled CCII.

(C) Bottom, brownish black muddy silt (more compacted), labeled CCIII.

Six storage containers.

289

SAMPLE NO: G248

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 07.39' NDATE 16/3/76LONGITUDE -119° 47.86' W

TYPE OF STORAGE (check one)

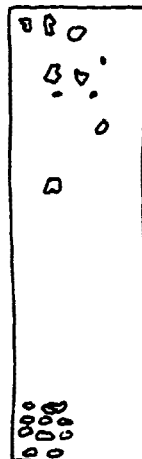
STATION NO. 249
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D249	1129 m	24 cm		

REMARKS:

Dart Core (D249) - 24 cm recovery. Olive black well compacted muddy silt with small rock fragments scattered throughout core. Three storage containers.



274

SAMPLE NO: D249

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 07.32' N
 LONGITUDE -119° 48.80' W
 STATION NO. 250
 LINE NO.

DAY/MONTH/YEAR
 DATE 16/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D250	600 m	Recovery		

REMARKS: Dart Core (D250) - approx. 250 cc recovery. Sub-angular rock fragments of graywacke and long siliceous sponge spicules. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 08.28' NDATE 16/3/76LONGITUDE -119° 51.00' W

TYPE OF STORAGE (check one)

STATION NO. 256
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D256	630 m	7 cm		

REMARKS:

Dart Core (D256) - approx. 7 cm recovery. Brownish black muddy silt with fragments of light olive gray siltstone scattered throughout. Also angular fragments of possible metasediments. Five storage containers.

274

SAMPLE NO: D256

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 10.40' N
 LONGITUDE -119° 50.50' W
 STATION NO. 264
 LINE NO.

DAY/MONTH/YEAR
 DATE 16/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D264	574 m	28 cm		

REMARKS:

Dart Core (D264) - approx. 28 cm recovery.
 0-12.5 cm: Grayish olive 10Y 4/2 fine sand with forams.
 12.5-28 cm: Grayish olive medium sand with forams.
 Three storage containers.

274

SAMPLE NO: D264

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 11.20' N
 LONGITUDE -119° 52.45' W
 STATION NO. 270
 LINE NO.

DAY/MONTH/YEAR
 DATE 16/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D270	518 m	32 cm		

REMARKS:

Dart Core (D270) - approx. 32 cm recovery. Light olive gray
 5Y 3/2 slightly sandy fairly compact mud with minor forams.
 Three storage containers.

278

SAMPLE NO: D270

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 11.56' NDATE 16/3/76LONGITUDE -119° 52.83' W

TYPE OF STORAGE (check one)

STATION NO. 271
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D271	540 m	64 cm		

REMARKS:

Dart Core (D271) - core contained in two plastic holders, (I) 49 cm long and (II) 15 cm long, 64 cm total recovery. Olive gray 5Y 3/2 firm mud rich in forams. Laminations (?) preserved. Pebbles at top of core II, 5-10 mm in length, sub-angular to sub-rounded phosphorite. Sample also becomes richer in sand towards the top of the core. Four storage containers.

SAMPLE NO: D271

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 58.68' / 032° 59.50' NDATE 16/3/76LONGITUDE -119° 57.20' / -119° 57.10' W

TYPE OF STORAGE (check one)

STATION NO. 280☒ ☐ ☐LINE NO.

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD280	590 m	Recovery		

REMARKS:

Chain Dredge (CD280) - full bag recovery, stored in five gunny sacks. About 2/3 green rock, 1/6 metawacke with limonite stain and 1/6 light colored siltstones. Also a baby shark approx. 15 cm and starfish.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 032° 44.71' / 032° 43.90' N

LONGITUDE -119° 54.30' / -119° 54.70' W

STATION NO. 281

LINE NO.

DAY/MONTH/YEAR
DATE 16/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD281	518-957 m	Recovery		

REMARKS:

Chain Dredge (CD281) - full bag recovery. Ten storage bags.
About 2/3 phosphorite coating on some type of sedimentary rocks,
2/9 marlstone, laminated sedimentary rock, and about 1/9 fine
grained sandstone. Two types of sponge present.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 44.48' NDATE 16/3/76LONGITUDE -120° 03.20' W

TYPE OF STORAGE (check one)

STATION NO. 292
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G292	525 m	Recovery		

REMARKS:

Gravity Core (G292) - Sample from core catcher, only about 2 cc's recovered. Grayish olive 10Y 4/2 fine to medium grained sand with minor forams. One storage container.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 46.88' N
 LONGITUDE -120° 02.43' W
 STATION NO. 293
 LINE NO.

DAY/MONTH/YEAR
 DATE 16/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D293	586 m	45+ cm		

REMARKS:

Dart Core (D293) - 45+ cm recovered, core barrel overflowing.
 Very difficult to extrude, top squished out of barrel.
 Top 15 cm - loose sandy silt.
 16 cm to bottom - very well compacted moderate olive gray
 silt with patches of light olive gray silt.

SAMPLE NO: D293

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 49.25/ 032° 47.39' NDATE 17/3/76- LONGITUDE -119° 59.29/-120° 00.50' W

TYPE OF STORAGE (check one)

STATION NO. 296

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD296	1125-964 m	Recovery		

REMARKS:

Chain Dredge (CD296) - full bag recovery. More than 90% rocks, mainly very hard marlstone. Some iron stained sandstone, phosphorite and basalt. Had to take dredge apart to remove large rocks.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 032° 52.35' N

LONGITUDE -120° 04.20' W

STATION NO. 300

LINE NO.

DAY/MONTH/YEAR 17/3/76

DATE 17/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G300	724 m	Smear		

REMARKS:

Gravity Core (G300) - smear sample only, outside of core barrel.
 Grayish olive green 5GY 3/2 silty mud. One storage container.

289

SAMPLE NO: G300

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 032° 52.67' N
 LONGITUDE -120° 04.50' W
 STATION NO. 301
 LINE NO.

DAY/MONTH/YEAR
 DATE 17/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D301	720 m	51 cm		

REMARKS:

Dart Core (D301) - approx. 51 cm recovery. Four storage containers.
 0-4 cm: Grayish olive 10Y 4/2 medium sand
 4-14 cm: Olive black 5Y 2/1 clay with phosphorite pebbles.
 14-44 cm: Laminated clay with forams, black and light olive gray
 5Y 5/2.
 44-48 cm: Thick black clay layer.
 48-51 cm: Olive gray 5Y 3/2 clay.

SAMPLE NO: D301

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 54.00' NDATE 17/3/76LONGITUDE -120° 05.91' W

TYPE OF STORAGE (check one)

STATION NO. 303
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D303	788 m	38.5 cm		

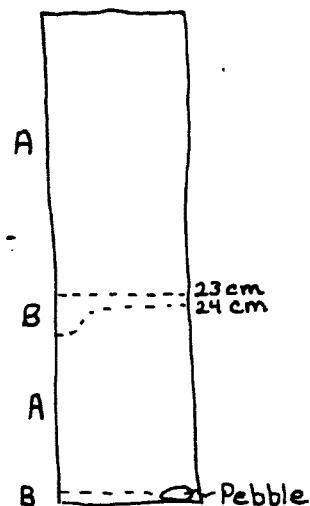
REMARKS:

Dart Core (D303) - approx. 38.5 cm recovery. Three storage containers.

(A) Grayish olive 10Y 4/2 fine foram-rich sand.

(B) Olive gray 5Y 3/2 fine foram-rich sand.

Pebbles at base - possibly sandstone.



USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 54.90' NDATE 17/3/76LONGITUDE -120° 06.45' W

TYPE OF STORAGE (check one)

STATION NO. 304☒ ☐ ☐

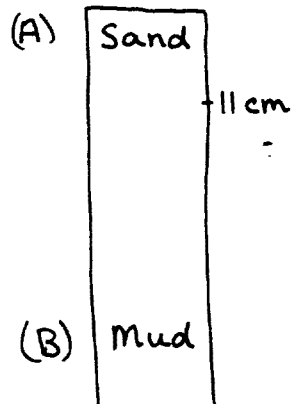
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D304	728 m	48 cm		

REMARKS:

Cart Core (D304) - 48 cm recovery. Three storage containers.

(A) Olive gray 5Y 3/2 muddy fine grained sand with forams.
Occasional phosphorite pebbles up to 10 mm in length.(B) Olive black 5Y 2/1 fairly cakey mud with forams and minor
fine sand content.

SAMPLE NO: D304

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 57.67' / 032° 56.08' N

DATE 17/3/76

LONGITUDE -120° 02.50' / 120° 04.11' W

TYPE OF STORAGE (check one)

STATION NO. 308

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD308	1160-1500 m	Recovery		

REMARKS:

Chain Dredge (CD308) - full recovery. Samples for Arnal and Bukry (see Sample Log) taken from fairly consolidated mud wedged in the dredge.

296

SAMPLE NO: CD308

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 47.92' / 032° 48.10' NDATE 17/3/76LONGITUDE -120° 19.50' / -120° 16.50' W

TYPE OF STORAGE (check one)

STATION NO. 311☒☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD311	3054-2567 m	Recovery		

REMARKS:

Chain Dredge (CD311) - full bag recovery. Volcanics, Sandstone, Mudstone and Mn Modules.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 56.42' NDATE 17/3/76LONGITUDE -120° 18.15' W

TYPE OF STORAGE (check one)

STATION NO. 313

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D313	?	18 cm		

REMARKS:

Dart Core (D313) - 18 cm recovery. Grayish olive 10Y 4/2 medium grained sand with abundant forams and rounded phosphorite grains about 1/2 mm across. Sand is soft and has minor mud content. Three storage containers.

SAMPLE NO: D313

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 57.35' NDATE 17/3/76LONGITUDE -120° 17.54' W

TYPE OF STORAGE (check one)

STATION NO. 315
☒ X ☐ ☐

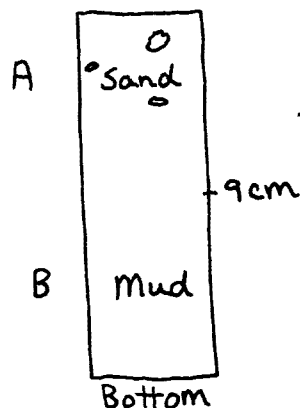
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D315	697	18 cm		

REMARKS:

- Dart Core (D315) - approx. 18 cm recovery. Three storage containers.
- (A) Olive black 5Y 2/1 muddy fine to medium grained sand with forams and pebbles (sub-angular phosphorite, up to 10 mm across).
- (B) Olive black 5Y 2/1 fairly firm mud with minor amounts of forams and sand content (also some very small, approx. 1 mm, phosphorite pebbles).



301

SAMPLE NO: D315

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 032° 58.41' N

DATE 17/3/76

LONGITUDE -120° 15.82' W

TYPE OF STORAGE (check one)

STATION NO. 316

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D316	661 m	36 cm		

REMARKS:

Dart Core (D316) - 36 cm recovery. Olive gray 5Y 3/2 sandy mud with forams. Sub-angular phosphorite pebbles up to 10 mm across are scattered throughout column. Moderate olive brown 5Y 4/4 partings (?) or indistinct laminations present. Bottom 1-2 cm of core very sandy and contains sub-angular pebbles 1-2 mm in diameter. Three storage containers.

303

SAMPLE NO: D316

[illegible]

NEBCO

304

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 032° 59.00' N

DATE 17/3/76

LONGITUDE -120° 15.11' W

TYPE OF STORAGE (check one)

STATION NO. 317

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

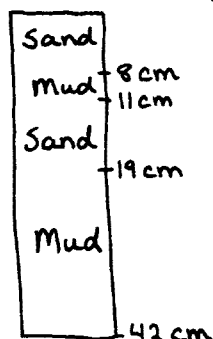
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D317	702 m	42 cm		

REMARKS:

Dart Core (D317) - 42 cm recovery. Three storage containers.

Mud: Olive black 5Y 2/1 foram-rich fairly firm mud with very minor sand and a few small (less than 5 mm) phosphorite pebbles.

Sand: Grayish olive 10Y 4/2 fine to medium grained foram-rich with pebbles (sub-angular to sub-rounded phosphorite) up to 3 cm in length scattered throughout sand.



306

SAMPLE NO: D317

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 01.48' N

DATE 17/3/76

LONGITUDE -120° 10.30' W

TYPE OF STORAGE (check one)

STATION NO. 321

☒ ☐ ☐

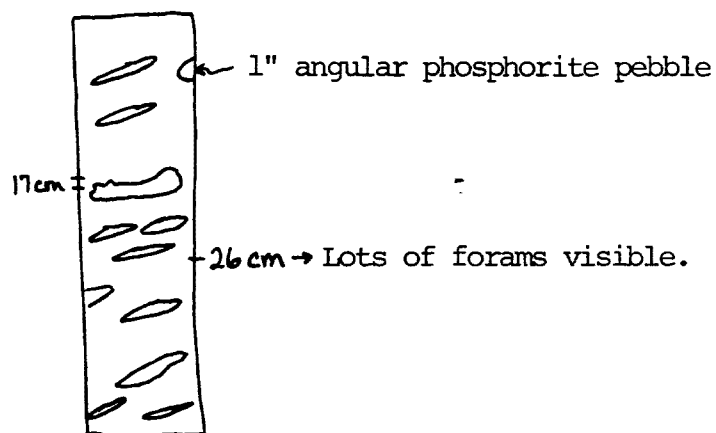
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D321	542 m	43 cm		

REMARKS:

Dart Core (D321) - 43 cm recovery. Brownish black mudstone (well compacted and with forams) with beds (lens) dipping 20° composed of dusky yellow siltstone. Five storage containers.



308

SAMPLE NO: D321

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SCLATITUDE 032° 59.16' NLONGITUDE -120° 14.20' WSTATION NO. 334

LINE NO. _____

DAY/MONTH/YEAR

DATE 18/3/76

TYPE OF STORAGE (check one)

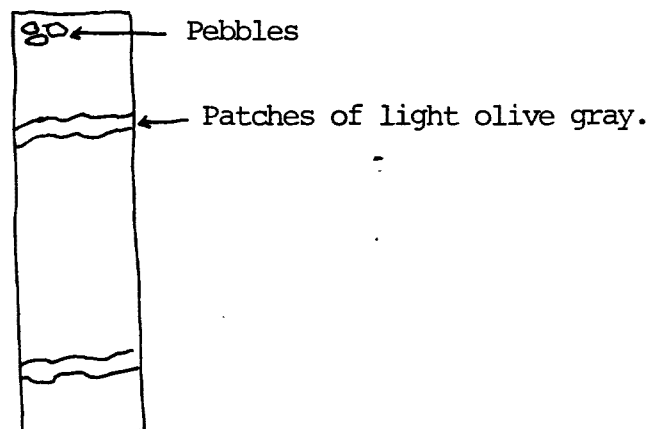
☒ X ☐ ☐

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D334	717 m	36 cm		

REMARKS:

Dart Core (D334) - approx. 36 cm recovery. Brownish black 5YR 2/1 mud (well compacted), with forams. Light olive gray patches present. Phosphorite pebbles at top. Three storage containers.



309

SAMPLE NO: D334

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SCLATITUDE 033° 01.15' NLONGITUDE -120° 13.15' WSTATION NO. 337LINE NO.

DAY/MONTH/YEAR

DATE 18/3/76

TYPE OF STORAGE (check one)

☒ X☐☐

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D337	645 m	26 cm		

REMARKS:

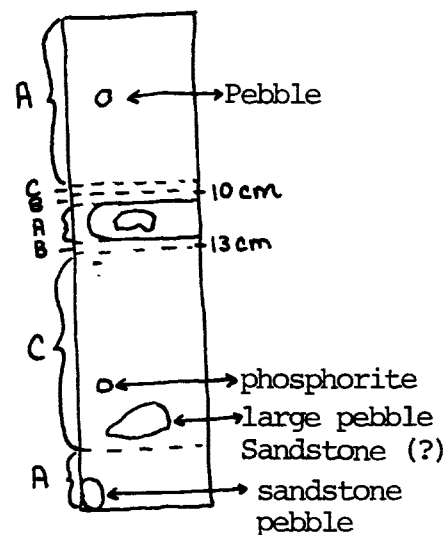
Dart Core (D337) - approx. 26 cm recovery. Three storage containers.

(A) Olive gray 5Y 3/2 fine sand

(B) Olive black 5Y 2/1 fine sand

(C) Light olive gray 5Y 5/2 fine sand

Pebbles throughout core.



312

SAMPLE NO: D337

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 02.92' N

DATE 18/3/76

LONGITUDE -120° 10.40' W

TYPE OF STORAGE (check one)

STATION NO. 343

☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G343	637 m	Recovery		

REMARKS:

Gravity Core (G343) - small recovery, two storage containers, CC and quart jar. Grayish olive 10Y 4/2 foram-rich fine sand.

319

SAMPLE NO: G343

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 04.40' NDATE 18/3/76LONGITUDE -120° 08.68' W

TYPE OF STORAGE (check one)

STATION NO. 346☒ X☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D346	450 m	34 cm		

REMARKS:

Dart Core (D346) - 34 cm recovery. Olive gray 5Y 3/2 foram-rich, firm slightly sandy mud. Three storage containers.
Core was 45 cm long, top 11 cm was lost in extruding.

316

SAMPLE NO: D346

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 05.02' NDATE 18/3/76LONGITUDE -120° 09.19' W

TYPE OF STORAGE (check one)

STATION NO. 347
☒ X ☐ ☐

LINE NO. _____

DRY COLD FROZEN

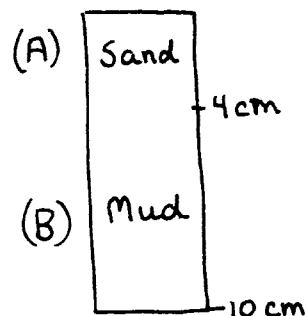
SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D347	499 m	10 cm		

REMARKS:

Dart Core (D347) - 10 cm recovery. Three storage containers.

(A) Grayish olive 10Y 4/2 medium grained foram-rich pebbly sand. Pebbles range from 1 mm to 1 cm long and are sub-angular to sub-rounded, mostly phosphorite.

(B) Olive gray 5Y 3/2, fairly firm, foram-rich mud.



318

SAMPLE NO: D347

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 05.57' NDATE 18/3/76LONGITUDE -120° 08.88' W

TYPE OF STORAGE (check one)

STATION NO. 348☒ ☐ ☐

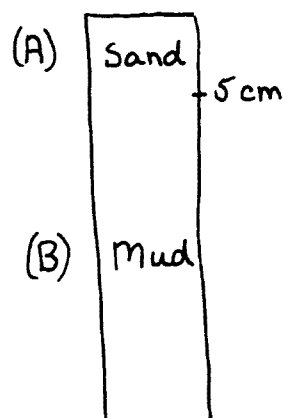
LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D348	633 m	38 cm		

REMARKS:

Dart Core (D348) - 38 cm recovery. Three storage containers.
 (A) Moderate olive brown 5Y 4/4 fine grained, foram-rich sand.
 (B) Olive gray 5Y 3/2 fairly firm, foram-rich mud.



319

SAMPLE NO: D348

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 05.80' NDATE 18/3/76LONGITUDE -120° 08.50' W

TYPE OF STORAGE (check one)

STATION NO. 349
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
D349	872 m	12 cm		

REMARKS:

Dart Core (D349) - 12 cm recovery. Light olive gray 5Y 5/2 mud with forams. Three storage containers.

SAMPLE NO: D349

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 03.23/ 033° 03.38' NDATE 18/3/76LONGITUDE -120° 08.98/-120° 08.11' W

TYPE OF STORAGE (check one)

STATION NO. 350☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
CD350	529-525 m	Recovery		

REMARKS:

Chain Dredge (CD350) - full bag recovery. Approx. 2/3 phosphorite and 1/3 sedimentary rocks. Two small pieces of fossilized bone present.

USGS STATION LOG

SHIP / LEG LEE2-76-SC
 LATITUDE 033° 32.20' N
 - LONGITUDE -119° 51.69' W
 STATION NO. 353
 LINE NO.

DAY/MONTH/YEAR
 DATE 18/3/76
 TYPE OF STORAGE (check one)
☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G353	346 m	Recovery		

REMARKS:

Gravity Core (G353) - approx. 1¼ liters recovered. Three storage containers; CC-core catcher, CCA-above core catcher and CCB-core cutter. Sample CCB has well preserved delicate clam shells. Olive gray 5Y 3/2 medium grained foram-rich sand with abundant sub-angular to sub-rounded pebbles (phosphorite) which range in size from a few mm to 30 mm.

324

SAMPLE NO: G353

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 34.38' NDATE 18/3/76LONGITUDE -120° 54.70' W

TYPE OF STORAGE (check one)

STATION NO. 355☒ X☐☐

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G355	593 m	Recovery		

REMARKS:

Gravity Core (G355) - 1/16 pint recovery. Olive gray 5Y 3/2 fine to medium grained foram-rich sand with phosphorite pebbles a few mm to 15 mm in length. One storage container.

SAMPLE NO: G355

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR.

LATITUDE 033° 37.92' NDATE 18/3/76LONGITUDE -120° 53.68' W

TYPE OF STORAGE (check one)

STATION NO. 356

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G356	202 m	Recovery		

REMARKS:

Gravity Core (G356) - 1/64 pint recovery. Olive gray 5Y 3/2 fine to medium grained, foram-rich sand with a few pebbles, average size approx. 3-5 mm. One storage container.

328

SAMPLE NO: G356

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 38.20' NDATE 19/3/76LONGITUDE -119° 04.52' W

TYPE OF STORAGE (check one)

STATION NO. 358

<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
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SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G358	822 m	Recovery		

REMARKS:

Gravity Core (G358) - approx. 1/2 full recovery. Core frozen.
Olive gray medium to fine grained muddy sand. Four storage
containers.

330

SAMPLE NO: G358

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 39.50' NDATE 19/3/76LONGITUDE -119° 01.43' W

TYPE OF STORAGE (check one)

STATION NO. 359☐☐☒

LINE NO. _____

DRY

COLD

FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G359	520 m	Recovery		

REMARKS:

Gravity Core (G359) - 1/2 recovery. Core frozen. Grayish olive 10Y 4/2 fine to medium grained foram-rich sand with minor mud content. Dark sub-angular pebble about 5 cm above bottom - probably volcanic (approx. 5 x 2 x 3 cm).

333

SAMPLE NO: G359

[illegible]

NEBCO

339

USGS STATION LOG

SHIP / LEG LEE2-76-SC

LATITUDE 033° 39.41' N

LONGITUDE -119° 58.95' W

STATION NO. 360

LINE NO.

DAY/MONTH/YEAR

DATE 19/3/76

TYPE OF STORAGE (check one)

☒ DRY ☐ COLD ☐ FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V360	138 m	Recovery		

REMARKS:

Van Veen (V360) - 1/50 cu. meter recovery (about 1/2 full).
Olive gray medium grained sand with forams, worms and brittle stars.

334

SAMPLE NO: V360

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 40.25' NDATE 19/3/76LONGITUDE -119° 55.27' W

TYPE OF STORAGE (check one)

STATION NO. 363

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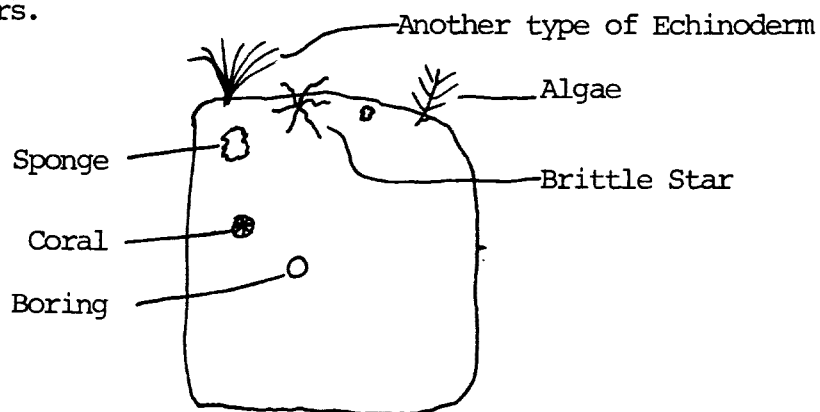
LINE NO. _____

DRY	COLD	FROZEN
-----	------	--------

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V363	146 m	Recovery		

REMARKS:

Van Veen (V363) - 30 x 25 x 15 cm sample. One rock, phosphorite (?).
One storage containers.



334

SAMPLE NO: V363

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 41.20' NDATE 19/3/76LONGITUDE -119° 52.70' W

TYPE OF STORAGE (check one)

STATION NO. 364

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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LINE NO. _____

DRY	COLD	FROZEN
-----	------	--------

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V364	145 m	Recovery		

REMARKS:

Van Veen (V364) - Recovery of six sandstone cobbles and many brittle stars.

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 42.35' NDATE 19/3/76- LONGITUDE -119° 45.36' W

TYPE OF STORAGE (check one)

STATION NO. 368
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G368	873 m	Recovery		

REMARKS:

Gravity Core (G368) - Olive gray 5Y 3/2 fine sand and mud.
Five storage containers.

339

SAMPLE NO: G368

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 44.49' NDATE 19/3/76LONGITUDE -119° 41.56' W

TYPE OF STORAGE (check one)

STATION NO. 369
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G369	1840 m	Recovery		

REMARKS:

Gravity Core (G369) - 3/4 core recovery. Olive gray 5Y 3/2 soft mud with minor forams. Five storage containers. Splits for Arnal and Bukry taken from bottom of core barrel.

342

SAMPLE NO: G369

[illegible]

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 53.72' NDATE 19/3/76LONGITUDE -119° 49.63' W

TYPE OF STORAGE (check one)

STATION NO. 371
☒ DRY
 ☐ COLD
 ☐ FROZEN

LINE NO. _____

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G371	818 m	15 cm		

REMARKS:

Gravity Core (G371) - approx. 15 cm recovery, core catcher.
 Loose olive gray mud at top (about 5 cm), one volcanic (?)
 pebble approx. 3 x 2 x 2 cm. Lower 10 cm, olive black
 silty mudstone.

343

SAMPLE NO: G371

[illegible]

344

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 56.12' NDATE 19/3/76LONGITUDE -119° 45.66' W

TYPE OF STORAGE (check one)

STATION NO. 373☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
G372	120 m	Recovery		

REMARKS:

Gravity Core (G373) - approx. 1/2 pint recovery. One storage container. Grayish olive 10Y 4/2 poorly sorted, coarse, loose sand with forams and other shell fragments. Several pieces of nodular calcareous material (in plastic container).

345

SAMPLE NO: G373

[illegible]

NEBCO

USGS STATION LOG

SHIP / LEG LEE2-76-SC

DAY/MONTH/YEAR

LATITUDE 033° 54.28' NDATE 19/3/76LONGITUDE -119° 52.16' W

TYPE OF STORAGE (check one)

STATION NO. 375
☒ ☐ ☐

LINE NO. _____

DRY COLD FROZEN

SAMPLE NO. TYPE & ID.	UNCORRECTED DEPTH (M)	CORE LENGTH	BASIC LITHOLOGY	AGE OF BOTTOM
V375	555 m	Recovery		

REMARKS:

Van Veen (V375) - approx. 1/25 cu. m. recovery. Olive gray
5Y 3/2 silty mud. Four storage containers.

SAMPLE NO: V375

[illegible]